

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050123AL\
 Data File : FE041657.D
 Signal(s) : FID1B.ch
 Acq On : 02 May 2023 05:23
 Operator : YP\AJ
 Sample : 02559-07MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2023
 Supervised By :Ankita Jodhani 05/02/2023

Integration File: autoint1.e
 Quant Time: May 02 06:19:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.986	5153996	27.472 ug/ml
Spiked Amount 50.000		Recovery =	54.94%
12) S 1-chlorooctadecane (S...	13.422	3950824	27.967 ug/ml
Spiked Amount 50.000		Recovery =	55.93%
Target Compounds			
1) T n-Nonane (C9)	3.377	6875650	46.774 ug/ml
2) T n-Decane (C10)	4.622	7033215	46.894 ug/ml
3) T A~Naphthalene (C11.7)	6.324	7756057	46.868 ug/ml
4) T n-Dodecane (C12)	6.783	7251505	47.694 ug/ml
5) T A~2-methylnaphthalene...	7.420	7312211	45.348 ug/ml
6) T n-Tetradecane (C14)	8.614	7177421	47.250 ug/ml
7) T n-Hexadecane (C16)	10.222	7262965	45.512 ug/ml
8) T n-Octadecane (C18)	11.667	7485692	45.669 ug/ml
10) T n-Eicosane (C20)	12.979	7068009	43.943 ug/ml
11) T n-Heneicosane (C21)	13.592	7162462	44.942 ug/ml
13) T n-Docosane (C22)	14.178	6748249	42.354 ug/ml
14) T n-Tetracosane (C24)	15.276	13198843	81.868 ug/ml
15) T n-Hexacosane (C26)	16.307	6525388	41.275 ug/ml
16) T n-Octacosane (C28)	17.257	6473603	42.071 ug/ml
17) T n-Tricontane (C30)	18.147	6450920	42.356 ug/ml
18) T n-Dotriacontane (C32)	18.980	6463191	43.383 ug/ml
19) T n-Tetratriacontane (C34)	19.766	6262746	44.456 ug/ml
20) T n-Hexatriacontane (C36)	20.505	5930821	44.349 ug/ml
21) T n-Octatriacontane (C38)	21.264	5919409	44.798 ug/ml
22) T n-Tetracontane (C40)	22.212f	6169541	48.728 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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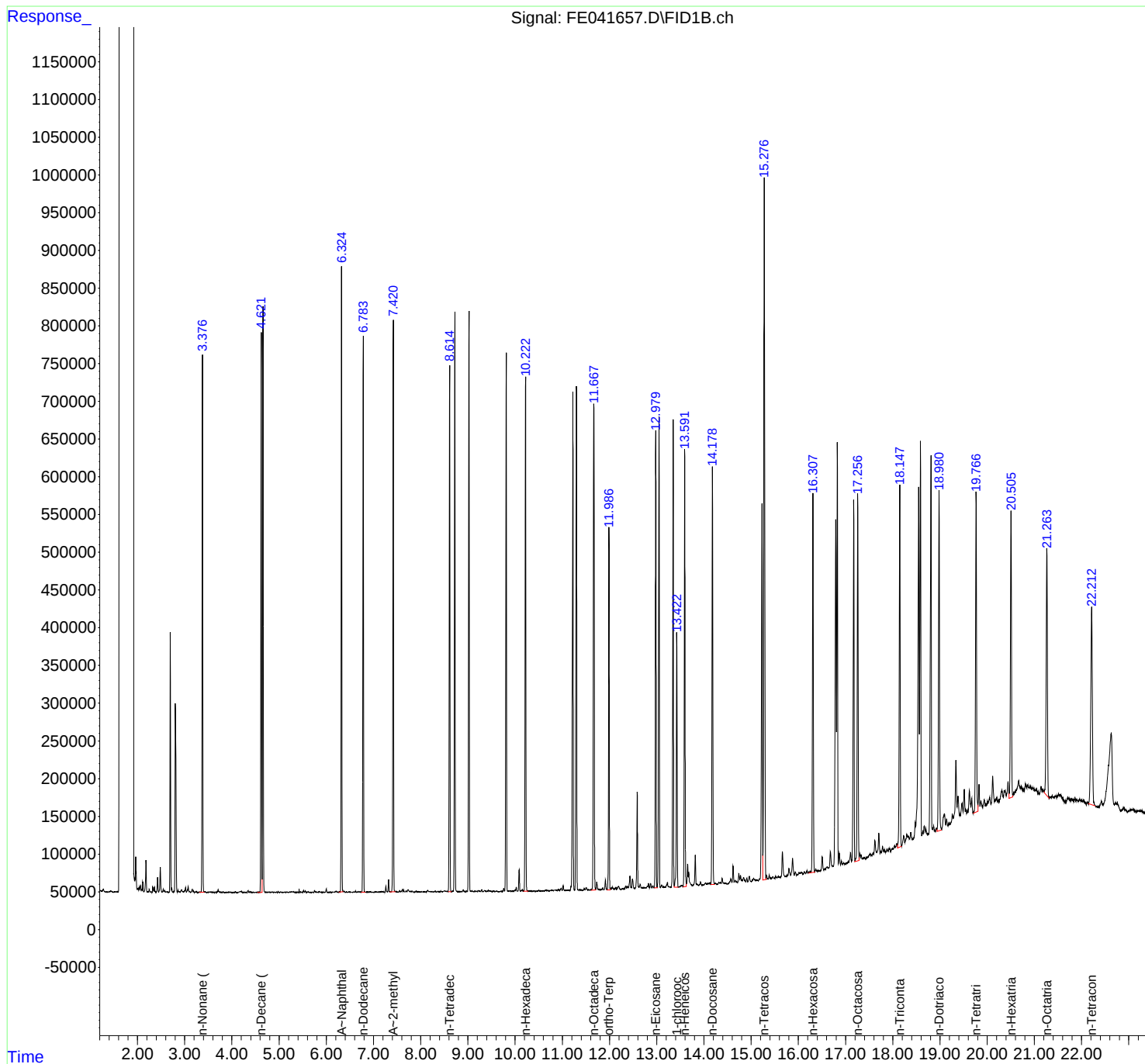
Instrument :
FID_E
ClientSampleId :
5MS

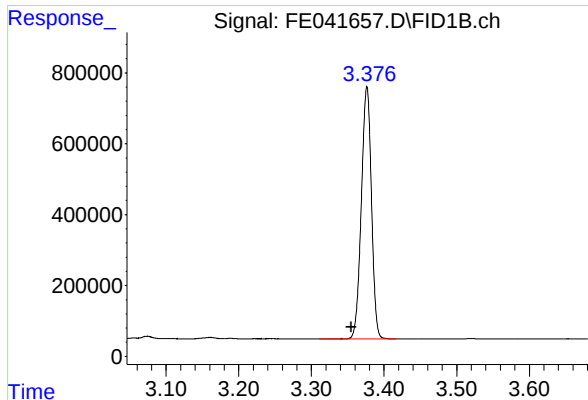
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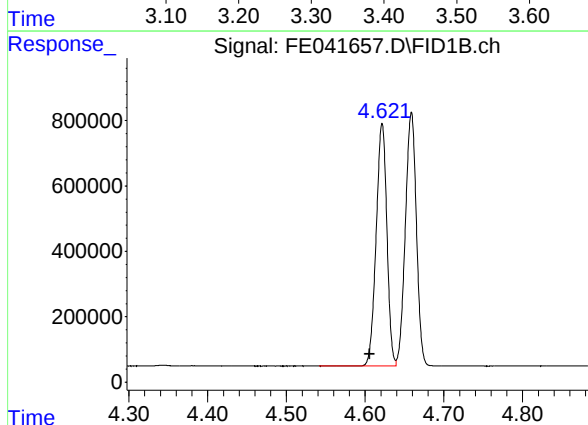
#1 n-Nonane (C9)

R.T.: 3.377 min
Delta R.T.: 0.022 min
Response: 6875650
Conc: 46.77 ug/ml

Instrument :
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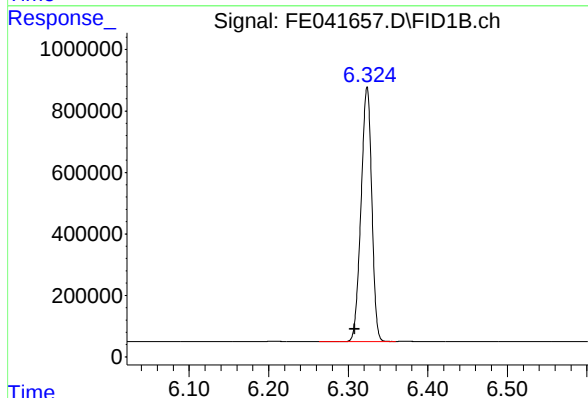
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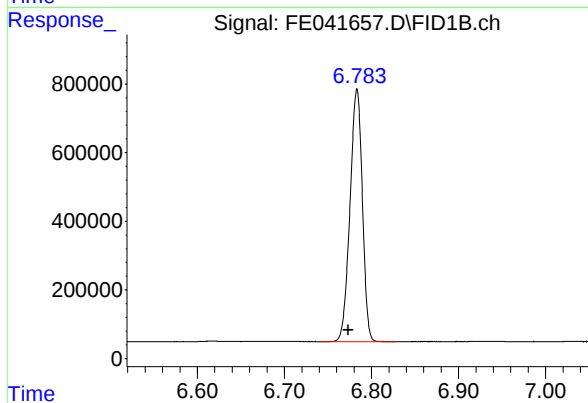
#2 n-Decane (C10)

R.T.: 4.622 min
Delta R.T.: 0.016 min
Response: 7033215
Conc: 46.89 ug/ml



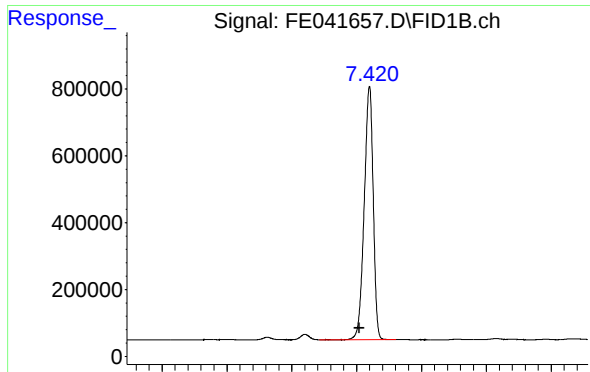
#3 A~Naphthalene (C11.7)

R.T.: 6.324 min
Delta R.T.: 0.016 min
Response: 7756057
Conc: 46.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.783 min
Delta R.T.: 0.010 min
Response: 7251505
Conc: 47.69 ug/ml



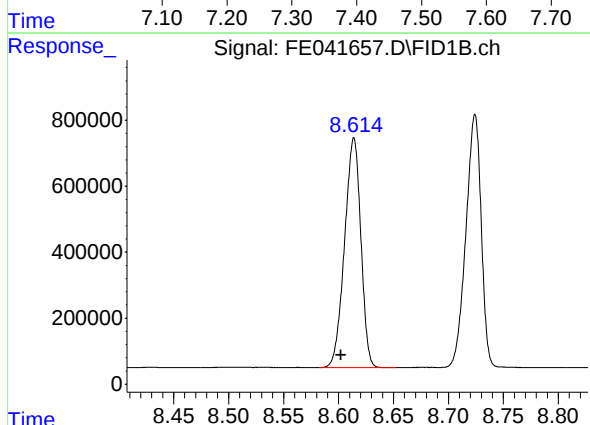
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.420 min
Delta R.T.: 0.015 min
Response: 7312211
Conc: 45.35 ug/ml

Instrument :
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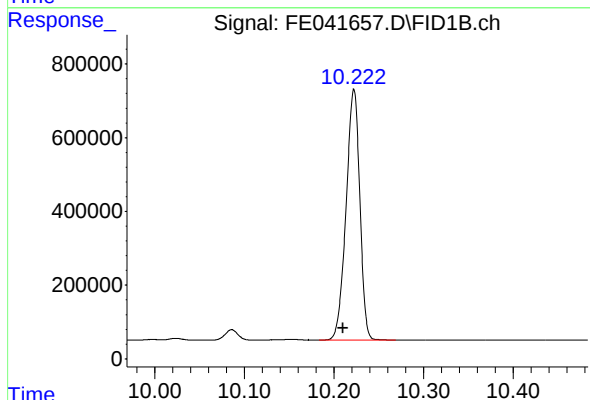
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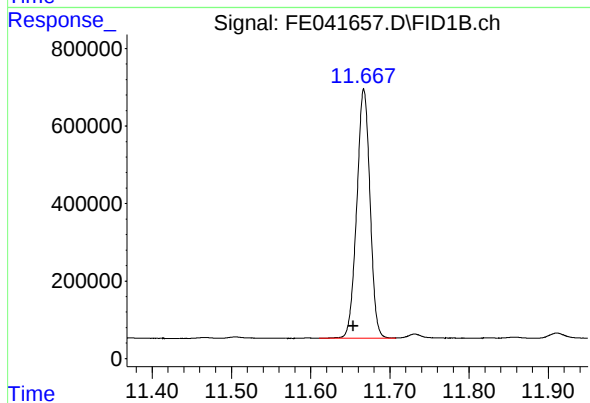
#6 n-Tetradecane (C14)

R.T.: 8.614 min
Delta R.T.: 0.012 min
Response: 7177421
Conc: 47.25 ug/ml



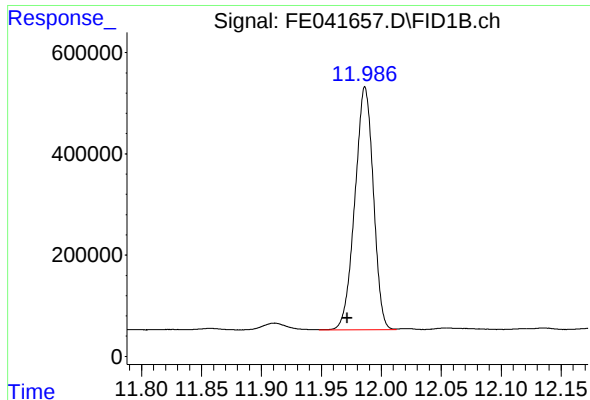
#7 n-Hexadecane (C16)

R.T.: 10.222 min
Delta R.T.: 0.012 min
Response: 7262965
Conc: 45.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.667 min
Delta R.T.: 0.013 min
Response: 7485692
Conc: 45.67 ug/ml



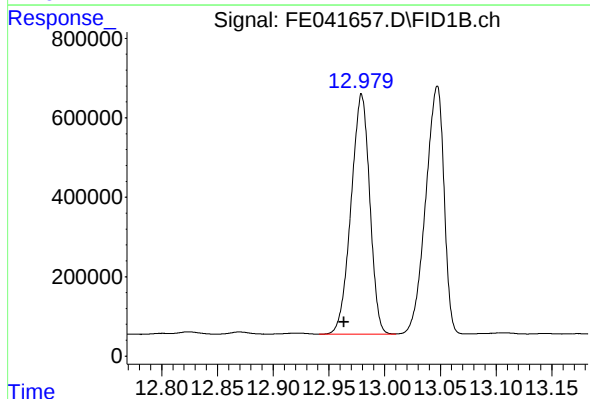
#9 ortho-Terphenyl (SURR)

R.T.: 11.986 min
Delta R.T.: 0.015 min
Response: 5153996
Conc: 27.47 ug/ml

Instrument :
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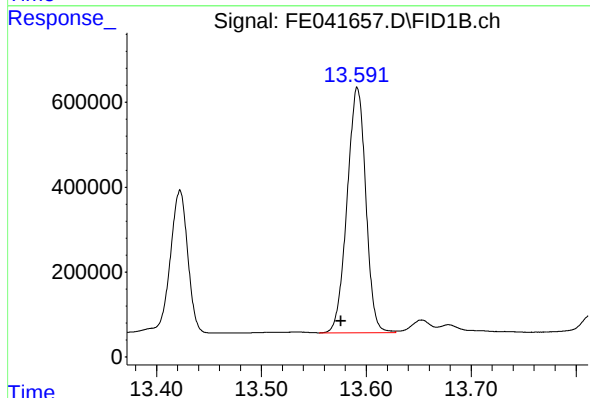
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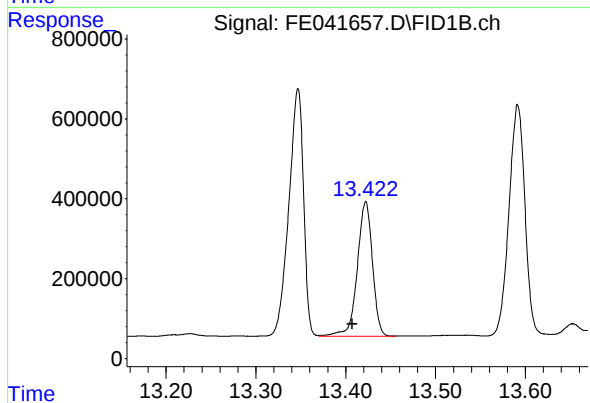
#10 n-Eicosane (C20)

R.T.: 12.979 min
Delta R.T.: 0.016 min
Response: 7068009
Conc: 43.94 ug/ml



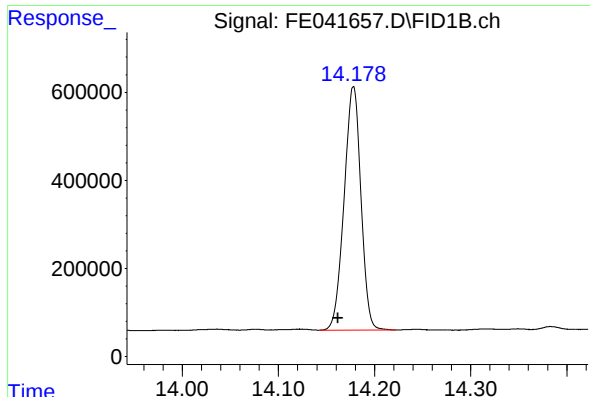
#11 n-Heneicosane (C21)

R.T.: 13.592 min
Delta R.T.: 0.016 min
Response: 7162462
Conc: 44.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.422 min
Delta R.T.: 0.015 min
Response: 3950824
Conc: 27.97 ug/ml



#13 n-Docosane (C22)

R.T.: 14.178 min
Delta R.T.: 0.016 min
Response: 6748249
Conc: 42.35 ug/ml

Instrument :

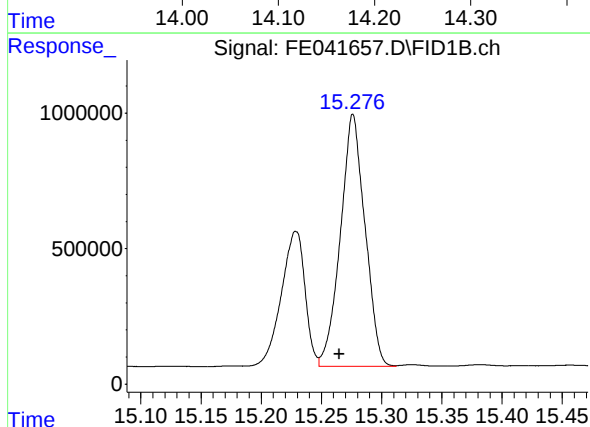
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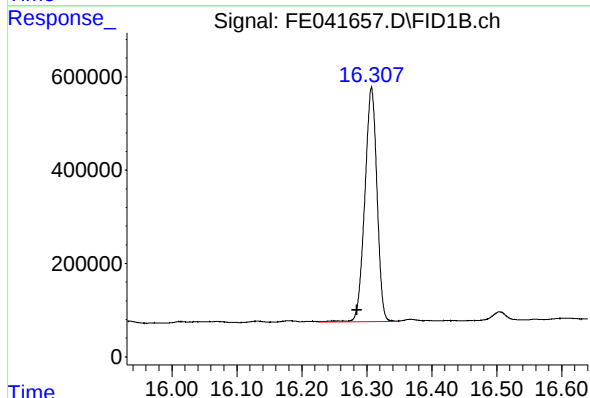
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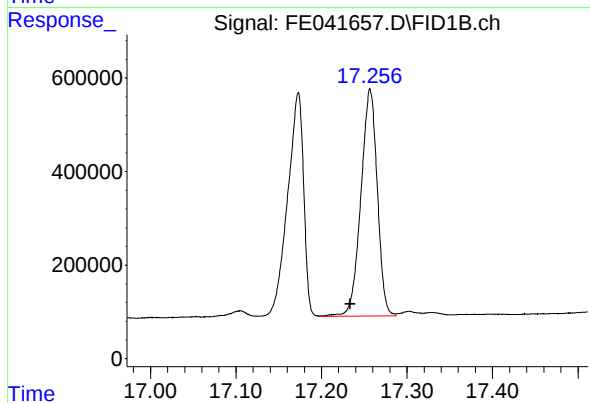
#14 n-Tetracosane (C24)

R.T.: 15.276 min
Delta R.T.: 0.011 min
Response: 13198843
Conc: 81.87 ug/ml



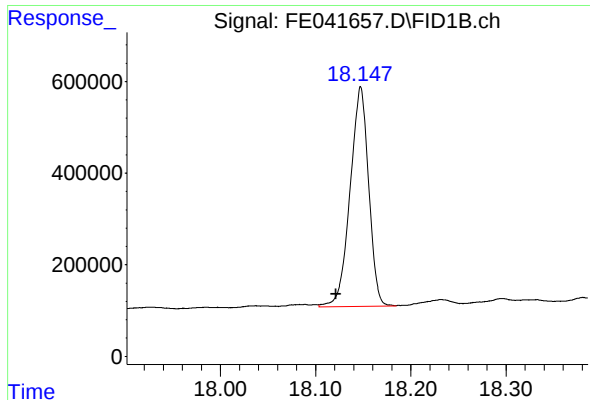
#15 n-Hexacosane (C26)

R.T.: 16.307 min
Delta R.T.: 0.022 min
Response: 6525388
Conc: 41.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.257 min
Delta R.T.: 0.023 min
Response: 6473603
Conc: 42.07 ug/ml



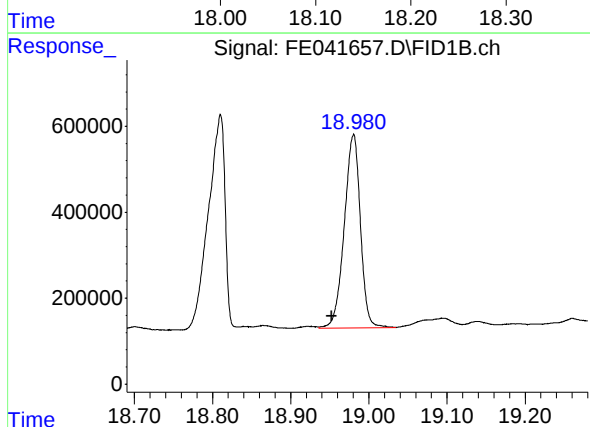
#17 n-Tricontane (C30)

R.T.: 18.147 min
Delta R.T.: 0.026 min
Response: 6450920
Conc: 42.36 ug/ml

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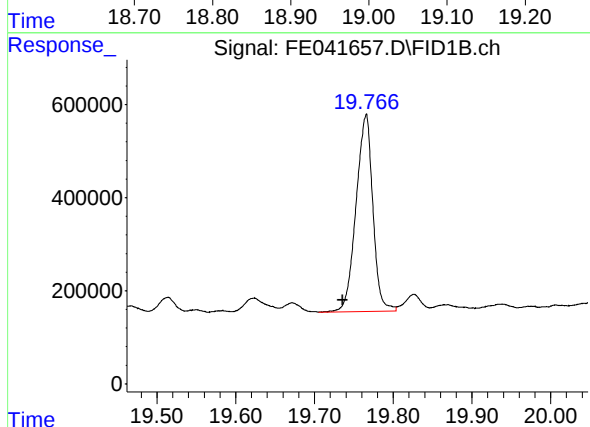
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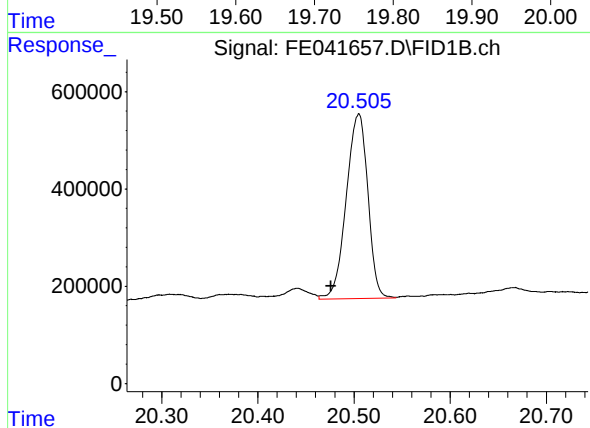
#18 n-Dotriacontane (C32)

R.T.: 18.980 min
Delta R.T.: 0.028 min
Response: 6463191
Conc: 43.38 ug/ml



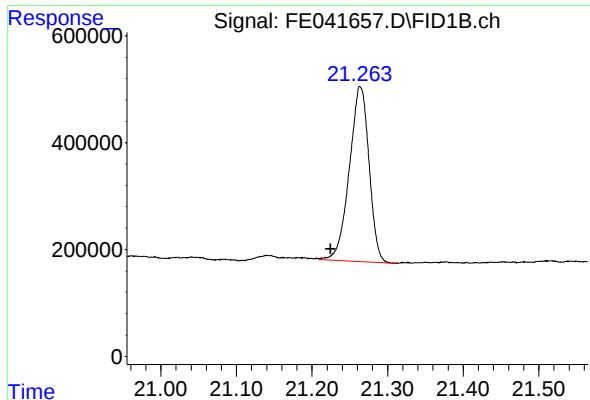
#19 n-Tetratriacontane (C34)

R.T.: 19.766 min
Delta R.T.: 0.030 min
Response: 6262746
Conc: 44.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.505 min
Delta R.T.: 0.029 min
Response: 5930821
Conc: 44.35 ug/ml



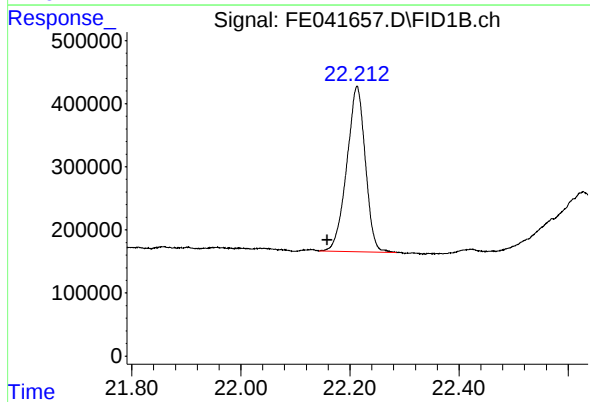
#21 n-Octatriacontane (C38)

R.T.: 21.264 min
Delta R.T.: 0.039 min
Response: 5919409
Conc: 44.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.212 min
Delta R.T.: 0.054 min
Response: 6169541
Conc: 48.73 ug/ml m